APPLICATION FOR FINANCIAL ASSIST

Revised 4/99

RLP LOAN

(2)

IMPORTANT: Please consult the "Instructions for Completing the Project App completion of this form.

CB24G

SUBDIVISION: Norwood, Ohio **CODE#** 061-

DISTRICT NUMBER: 2 **COUNTY:** Hamilton **DATE** 9/20/02

CONTACT: Jack Cameron **PHONE #** (513) 458-4503

(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASISDURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS)

FAX: (513) 458-4503 **E-MAIL:** jcameron_norwood@fuse.net

PROJECT NAME: Elm Avenue Area Storm Sewer Improvements

SUBDIVISION TYPE
(Check Only 1)
__1. County
X 2. City
__3. Township
__4. Village
__5. Water/Sanitary District
(Section 6119 O.R.C.)

FUNDING TYPE REQUESTED
(Check All Requested & Enter Amount)
~~X 1. Grant $ 852,000.00~~
~~X 2. Loan $ 266,250.00~~ 1,065,000
__3. Loan Assistance $_____
TERMINATED BY APPLICANT

PROJECT TYPE
(Check Largest Component)
__1. Road
__2. Bridge/Culvert
__3. Water Supply
__4. Wastewater
__5. Solid Waste
X 6. Stormwater

TOTAL PROJECT COST: $ 1,065,000.00 **FUNDING REQUESTED:** $ 1,065,000.00

DISTRICT RECOMMENDATION
To be completed by the District Committee ONLY

GRANT: $ 1,065,000 **LOAN ASSISTANCE:** $_____
SCIP LOAN: $_____ **RATE:**_____% **TERM:** _____yrs.
RLP LOAN: $_____ **RATE:**_____% **TERM:** _____yrs.

(Check Only 1)
X State Capital Improvement Program
__Local Transportation Improvements Program
__Small Government Program

OFFICE OF NEW BURLINGTON COUNTY ENGINEER
2002 SEP 20 PM 2:35

FOR OPWC USE ONLY

PROJECT NUMBER: C_____/C_____
Local Participation _____%
OPWC Participation _____%
Project Release Date: __/__/__
OPWC Approval: _____

APPROVED FUNDING: $_____
Loan Interest Rate: _____%
Loan Term: _____years
Maturity Date: _____
Date Approved: __/__/__
SCIP Loan _____ RLP Loan

1.0 PROJECT FINANCIAL INFORMATION

1.1 PROJECT ESTIMATED COSTS: (Round to Nearest Dollar)		TOTAL DOLLARS	FORCE ACCOUNT DOLLARS
a.) Basic Engineering Services:		$ .00	
Preliminary Design	$. 00		
Final Design	$. 00		
Bidding	$. 00		
Construction Phase	$. 00		
Additional Engineering Services *Identify services and costs below.		$ .00	
b.) Acquisition Expenses: Land and/or Right-of-Way		$ .00	
c.) Construction Costs:		$ 969,173.00	
d.) Equipment Purchased Directly:		$ .00	
e.) Permits, Advertising, Legal: (Or Interest Costs for Loan Assistance Applications Only)		$ .00	
f.) Construction Contingencies:		$ 95,827.00	
g.) TOTAL ESTIMATED COSTS:		$ 1,065,000.00	

*List Additional Engineering Services here:

Service: Cost:

1.2 PROJECT FINANCIAL RESOURCES:
(Round to Nearest Dollar and Percent)

		DOLLARS	%
a.)	Local In-Kind Contributions	$ .00	
b.)	Local Revenues	$ .00	
c.)	Other Public Revenues	$ .00	
	ODOT	$ .00	
	Rural Development	$ .00	
	OEPA	$ .00	
	OWDA	$ .00	
	CDBG	$ .00	
	OTHER _____	$ .00	
	SUBTOTAL LOCAL RESOURCES:	$ .00	
d.)	OPWC Funds		
	1. Grant	$ 852,000.00	80
	2. Loan	$ 266,250.00	20
	3. Loan Assistance	$ .00	
	SUBTOTAL OPWC RESOURCES:	$ 1,065,000.00	100
e.)	TOTAL FINANCIAL RESOURCES:	$ 1,065,000.00	100%

1.3 AVAILABILITY OF LOCAL FUNDS:

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local share funds required for the project will be available on or before the earliest date listed in the Project Schedule section.

ODOT PID# _____ Sale Date:
STATUS: (Check one)
Traditional
Local Planning Agency (LPA)
State Infrastructure Bank

2.0 PROJECT INFORMATION

If project is multi-jurisdictional, information must be consolidated in this section.

2.1 PROJECT NAME: Elm Avenue Area Storm Sewer Improvements

2.2 BRIEF PROJECT DESCRIPTION - (Sections A through C):

A: SPECIFIC LOCATION:

City Of Norwood, Hamilton County

Residents back yards between Ridgeway Avenue and Woodlawn Avenue; along Maple Avenue east to Franklin Avenue; Along Franklin Avenue north to Elm Avenue, along Elm Avenue east to Allison; along Allison Avenue in the Elm Avenue intersection; in the western portion of the Norwood High School property; and along Sherman Avenue from the High School west to Allison Avenue. Plans are attached.

PROJECT ZIP CODE: 45212

B: PROJECT COMPONENTS:

1) Remove or abandon undersized storm sewers and manholes and outdated pavement inlets
2) Lay new up-sized longitudinal storm sewer, and storm sewer laterals to pavement inlets
3) Construct new manholes and pavement inlets
4) Relocate 95' of sanitary sewer
5) Restore pavement, walks and lawn
6) Install an underground detention pipe structure in the backyard areas of #4724 to #4750 Ridgeway Avenue and #1900-#1908 Maple Avenue (on the even numbered addresses only) Storage volume is to 75,900 Cubic Ft. Re-grade yards to the back property line
7) Install an underground detention on the west portion of the Norwood High school site under the ball fields to provide staged detention to assist the back yard detention structure in meeting the storage requirements set forth by MSD.

C: PHYSICAL DIMENSIONS / CHARACTERISTICS:

Back yard detention 55,000 Square Feet
Maple Avenue 315 Feet
Franklin Avenue 370 Feet
Elm Avenue 620 Feet
Allison 180 Feet
Norwood High School 535 Feet (detention footprint to be determined).
Sherman Avenue 730 Feet

D: DESIGN SERVICE CAPACITY:

Detail current service capacity vs. proposed service level.

Road or Bridge: Current ADT _____ Year: _____ Projected ADT: _____ Year:

Water/Wastewater: Based on monthly usage of 7,756 gallons per household, attach current rate ordinance. Current Residential Rate: $_____ Proposed Rate: $

ELM STREET SEWER – Part 2

The project is a result of continuing design efforts to alleviate the flooding in the Maple Avenue, Elm Avenue, Franklin Ave, Sherman Avenue and the Norwood High School areas in Norwood. The project proposes to upgrade hydraulically deficient storm sewers and pavement inlets to eliminate frequent street flooding that affects the livability of the neighborhood. Even frequent minor damage to personal property limits the ability of the residents to properly maintain the remainder of their property. Additional insurance for flood damage coverage will have to be obtained, resulting in further economic hardships. Reports of flooding reduce home resale values. All of these factors may contribute to neighborhood degradation. Flooding is also a hazard to motorists as well as pedestrians; motorists could loose control of or possibly be stranded in their autos.

The flood event of July 18, 2001 was the most recent event that caused damage. From MSD rain data from a gauge located at the Spring Grove Ave Cincinnati Water Works Building, show that storm was between a 5 year and 10 year event. The water rose so quickly in the basement apartments of the building at 1923 Maple Ave, and one man was lucky to escape without drowning. Some residents have resorted to constructing "window boxes" around their ground level windows to keep the frequent high waters out.

This project builds upon the previous grant, which was for partial upgrades to the storm sewer system. Design of the system is complete, and it is realized that it must be upgraded as a whole unit. Partial upgrades will only move the problems to a different area. The requirements for detention have been calculated after careful coordination with MSD, and their support has been noted. The disruption to the residents during construction and the economies of scale further support the idea of constructing the whole system at once. One underground detention structure will be constructed in a few residents' backyards, and re-graded. This will fill in a steep ravine that is a known health hazard due to trash accumulation and mosquito breeding. The residents' backyards, which are partially occupied by the heavily wooded ravine, will be returned to usable yard area.

Stormwater: Number of households served: Approx. households or apartment buildings affected by routine flooding 21, 16 households or apartment buildings with improved back yards, 310 total households or apartment buildings in total drainage area, numerous businesses and 2 schools

2.3 USEFUL LIFE / COST ESTIMATE: Project Useful Life: 50 Years.

Attach Registered Professional Engineer's statement, with original seal and signature confirming the project's useful life indicated above and estimated cost.

3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT	$ 1.065.000.00
TOTAL PORTION OF PROJECT NEW/EXPANSION	$ .00

4.0 PROJECT SCHEDULE: *

		BEGIN DATE	END DATE
4.1	**Engineering/Design:**	10/01/02	10/31/02
4.2	**Bid Advertisement and Award:**	02/21/03	03/21/03
4.3	**Construction:**	04/07/03	08/29/03
4.4	**Right-of-Way/Land Acquisition:**	/ /	/ /

* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be requested in writing by the CEO of record and approved by the commission once the Project Agreement has been executed. The project schedule should be planned around receiving a Project Agreement on or about July 1st.

5.0 APPLICANT INFORMATION:

5.1 CHIEF EXECUTIVE

OFFICER	Jack Cameron
TITLE	Service-Safety Director
STREET	4645 Montgomery Road
CITY/ZIP	Norwood 45212
PHONE	(513) 458 - 4503
FAX	(513) 458 - 4502
E-MAIL	jcameron_norwood@fuse.net

5.2 CHIEF FINANCIAL

OFFICER	Donnie Jones
TITLE	Auditor
STREET	4645 Montgomery Road
CITY/ZIP	Norwood 45212
PHONE	(513) 458 - 4570
FAX	(513) 458 - 4571
E-MAIL	norwood@infinet.com

5.3 PROJECT MANAGER

OFFICER	Victor Schneider
TITLE	Superintendent of Public Works
STREET	3001 Harris Avenue
CITY/ZIP	Norwood 45212
PHONE	(513) 458 - 4615
FAX	(513) 458 - 4622
E-MAIL	vschneider@cinci.rr.com

Changes in Project Officials must be submitted in writing from the CEO.

6.0 ATTACHMENTS/COMPLETENESS REVIEW:

Confirm in the blocks [ ] below that each item listed is attached.

[n/a] A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.

[X] A certification signed by the applicant's chief financial officer stating all local share funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.

[X] A registered professional engineer's detailed cost estimate and useful life statement, as required in 64-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's original seal or stamp and signature.

[n/a] A cooperation agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.

[n/a] Projects which include new and expansion components and potentially affect productive farmland should include a statement evaluating the potential impact. If there is a potential impact, the Governor's Executive Order 98-VII and the OPWC Farmland Preservation Review Advisory apply.

[X] Capital Improvements Report: (Required by O.R.C. Chapter 164.06 on standard form)

[X] Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your *local* District Public Works Integrating Committee.

7.0 APPLICANT CERTIFICATION:

The undersigned certifies that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement on this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding of the project.

Jack Cameron, Service-Safety Director
Certifying Representative (Type or Print Name and Title)

Jack Cameron, 9/20/02
Signature/Date Signed

ENGINEER'S OPINION OF CONSTRUCTION COST FOR SCIP/LTIP APPLICATION
ELM STREET STORM SEWER AND DETENTION

Edwards AND Kelcey

ODOT SPEC	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL COST
	GENERAL				
	Contract Bond	LUMP SUM		$5,000.00	$0.00
	ROADWAY				
201	Clearing And Grubbing	Lump Sum		$20,000.00	$20,000.00
202	Pavement Removed	Sq Yd	1995	$10.00	$19,950.00
202	Walk Removed	Sq Feet	3,998	$1.00	$3,998.00
202	Curb Removed	Feet	250	$5.00	$1,250.00
202	Pipe Removed, 24 In And Under	Feet	897	$10.00	$8,970.00
202	Pipe Removed, Over 24 In	Feet	625	$15.00	$9,375.00
202	Manhole Removed	Each	12	$300.00	$3,600.00
202	Catch Basin Removed	Each	13	$250.00	$3,250.00
202	Inlet Removed	Each	11	$400.00	$4,400.00
202	Manhole Abandoned	Each	3	$400.00	$1,200.00
202	Fence Removed For Re Use	Feet	30	$5.00	$150.00
203	Embankment (Fill In Ravine)	Cu Yd	7500	$8.00	$60,000.00
608	6IN Concrete Walk	Sq Feet	3,998	$4.00	$15,992.00
659	Seeding And Mulching, Class 1	Sq Yd	2400	$2.00	$4,800.00
	PAVEMENT				
301	Asphalt Concrete Base, PG 64-22	Cu Yd	353	$85.00	$30,005.00
304	Aggregate Base	Cu Yd	329	$60.00	$19,800.00
448	Tack Coat	Gallon	1486	$1.00	$1,486.00
448	Asphalt Concrete Surface Course, Type 1	Cu Yd	83	$100.00	$8,300.00
609	Curb, Type B	Feet	250	$20.00	$5,000.00
	DRAINAGE				
603	4IN Conduit, Type E	Feet	100	$10.00	$1,000.00
603	4IN Conduit, Type F	Feet	100	$10.00	$1,000.00
603	6IN Conduit, Type E	Feet	100	$15.00	$1,500.00
603	6IN Conduit, Type F	Feet	100	$15.00	$1,500.00
603	8IN Conduit, Type E	Feet	100	$20.00	$2,000.00
603	8IN Conduit, Type F	Feet	100	$20.00	$2,000.00
603	12IN Conduit, Type B	Feet	496	$35.00	$17,360.00
603	12IN Conduit, Type C	Feet	40	$30.00	$1,200.00
603	15IN Conduit, Type B	Feet	123	$35.00	$4,305.00
603	16IN Conduit, Type B	Feet	423	$40.00	$16,920.00
603	18IN Conduit, Type C	Feet	37	$40.00	$1,480.00
603	24IN Conduit, Type B	Feet	188	$45.00	$8,505.00
603	24IN Conduit, Type C	Feet	1	$45.00	$50.00
603	30IN Conduit, Type B	Feet	347	$65.00	$22,555.00
603	36IN Conduit, Type B	Feet	139	$75.00	$10,425.00
603	36IN Conduit, Type C	Feet	457	$75.00	$34,275.00
603	42IN Conduit, Type B	Feet	393	$105.00	$41,265.00
603	48IN Conduit, Type B	Feet	917	$120.00	$110,040.00
603	48IN Conduit, Type C	Feet	545	$120.00	$65,400.00
604	Catch Basin No3	Each	22	$2,000.00	$44,000.00
604	Catch Basin No 3A	Each	7	$1,500.00	$10,500.00
604	Catch Basin No 6	Each	4	$1,600.00	$6,400.00
604	Manhole, No3	Each	23	$4,000.00	$92,000.00
603	Detention Pond (Ravine) 60" ADS STORM COMPRESSOR Non Perforated	Lump	1	$660,000.00	$660,000.00
603	Detention Pond (High School)	Lump	1	$330,000.00	$330,000.00
	SANITARY SEWER				
603	10IN Conduit, Type B, For Sanitary	Feet	36	$50.00	$1,800.00
603	15IN Conduit, Type B, For Sanitary	Feet	65	$60.00	$3,900.00
604	Manhole, Type 3, Sanitary	Each	2	$4,500.00	$9,000.00
604	Drop MH	Each	1	$5,300.00	$5,300.00
623	Construction Layout Stakes	Lump Sum	1	$8,000.00	$8,000.00
624	Mobilization	Lump Sum	1	$15,000.00	$15,000.00
614	Maintenance Of Traffic	Lump Sum	1	$10,000.00	$10,000.00
619	Field Office, Type A	Mont	6	$1,000.00	$6,000.00

I HERBY CERTIFY THIS TO BE AN ACCURATE ESTIMATE OF THE PROPOSED PROJECT

THE USEFUL DESIGN LIFE OF THIS PROJECT IS 50 YEARS

DANIEL P FICKER, PE

9/19/02

STATE OF OHIO
DANIEL
P.
FICKER
E-63916
REGISTERED
PROFESSIONAL ENGINEER

GRAND TOTAL	$1,628,523.00
Minus Current SCIP Grant	-$669,350.00
	$959,173.00
CONTINGENCIES	$95,827.00
GRAND TOTAL	$1,055,000.00

Donnie R. Jones, CPA
City Auditor

Janet Kennedy
Deputy Auditor

4645 Montgomery Road
Norwood, Ohio 45212
Ph. 513-458-4570
Fax 513-458-4571

September 20, 2002

I, Donnie R. Jones, Auditor of the City of Norwood, hereby certify that the City of Norwood has the amount of $53,250.00 in the Permissive Tax Fund, and/or the Street Maintenance and Repairs Fund and/or a Special Project Fund that may be created to account for this project and that this amount will be used to pay the local share for the Elm Avenue Storm Water Project as it is required. I understand that this loan would be a twenty-year loan at a rate of zero percent interest.

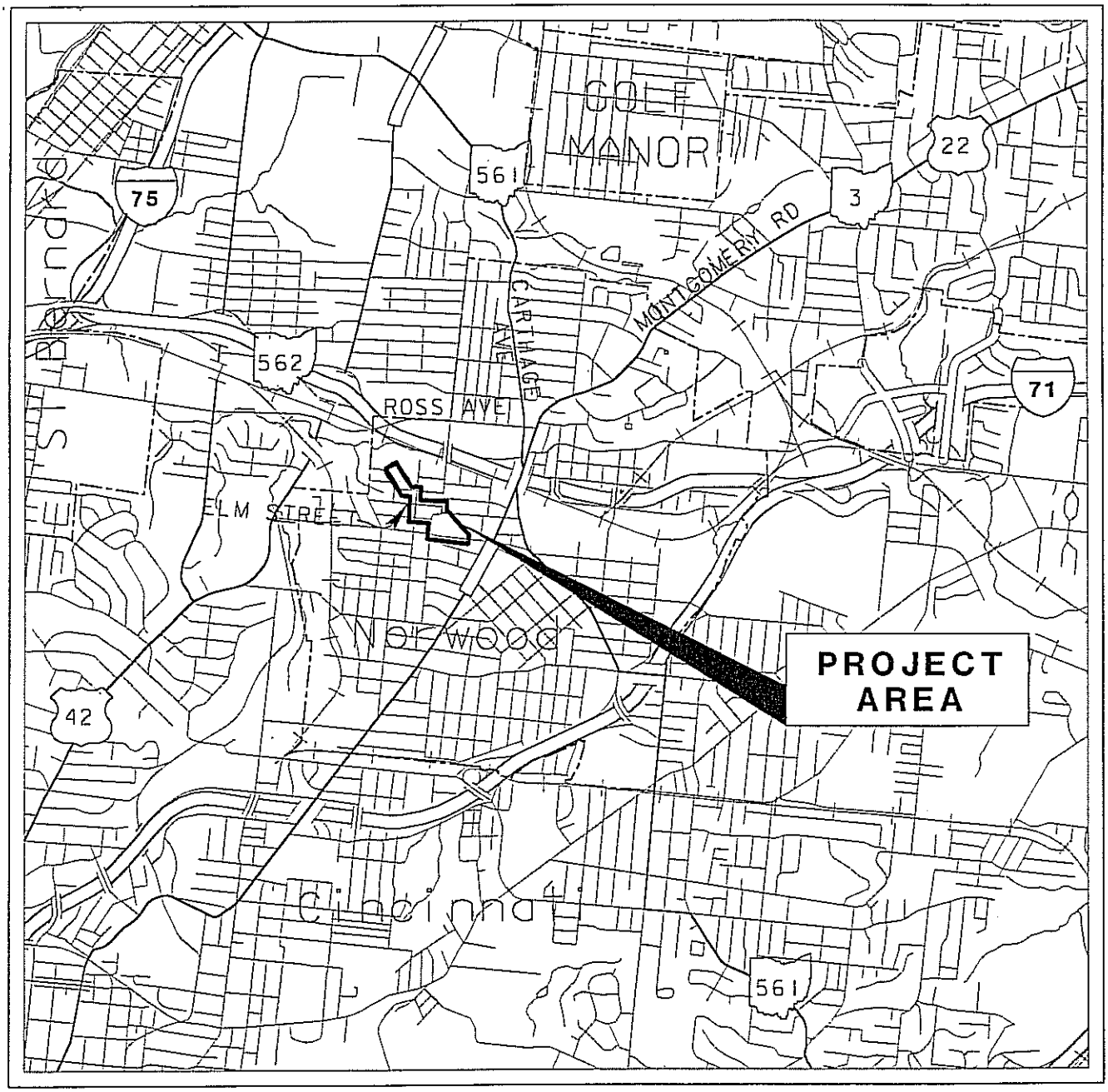
Sincerely,

Donnie R. Jones
Auditor

PROJECT LOCATION MAP

ELM AVENUE AREA STORM SEWER IMPROVEMENTS

BETWEEN RIDGEWAY AVENUE AND WOODLAWN AVENUE; MAPLE AVENUE; FRANKLIN AVENUE, NORWOOD HIGH SCHOOL AND SHERMAN AVENUE



LOCATION MAP

SCALE IN MILES

0 1 2 3 4

N

PORTION TO BE IMPROVED

INTERSTATE & DIVIDED HIGHWAY

UNDIVIDED STATE & FEDERAL ROUTES

OTHER ROADS

NORWOOD, OHIO

Resolution No. 18 2000

RESOLUTION AUTHORIZING THE DIRECTOR OF PUBLIC SERVICE TO SUBMIT TO THE OHIO PUBLIC WORKS COMMISSION AN APPLICATION FOR FINANCIAL ASSISTANCE FOR THE CITY OF NORWOOD UNDER THE STATE CAPITAL IMPROVEMENT PROGRAM FOR 2001

WHEREAS, the City of Norwood is eligible to receive financial assistance in 2000 from the State Capital Improvement Program for repair of streets; and

WHEREAS, in order to receive said funds, Norwood City Council must authorize the Department of Public Service to submit an application to the Ohio Public Works Commission for such financial assistance; now therefore

BE IT RESOLVED by the Council of the City of Norwood, State of Ohio:

SECTION 1. That the Director of Public Service is hereby authorized to submit to the Ohio Public Works Commission an application for financial assistance for the City of Norwood under the State Capital Improvement Program for 2000.

SECTION 2. This resolution is hereby declared to be an emergency resolution and a measure necessary for the immediate preservation of the public peace, health, safety and general welfare and shall go into effect forthwith. The reason for said emergency is to meet the Ohio Public Works Commission deadline for accepting said applications.

M S D

September 18, 2002

Metropolitan Sewer District of Greater Cincinnati

Hamilton County - Managed by the City of Cincinnati

1600 Gest Street
Cincinnati, Ohio 45204
513-244-5122

Mr. Daniel Ficker
5833 Fair Lane
Cincinnati, Ohio 45227

RE: **City of Norwood Storm Sewer Improvements**

Dear Mr. Ficker:

MSD would like to thank you and the City of Norwood for working with the District in an attempt to improve water quality in the Mill Creek Basin. As you are well aware any new development or re-development tributary to a combined sewer is required to provide a certain amount of storm water detention.

While some of the detention areas appear to be small, when combined with several other small and large projects, we are beginning to see positive results by reducing flooding in the immediate area and in areas downstream of the facility. An additional benefit is the reduction in the volume of direct discharges to the waters of the state and thus a reduction in the pollutant loading - a health issue.

We have found that by constructing detention basins in local areas we have been able to reduce the occurrence of water in basements and thus reduce health hazards to the residents and damage to private property. Detention basins provide a means to obtaining much needed development credits for an area.

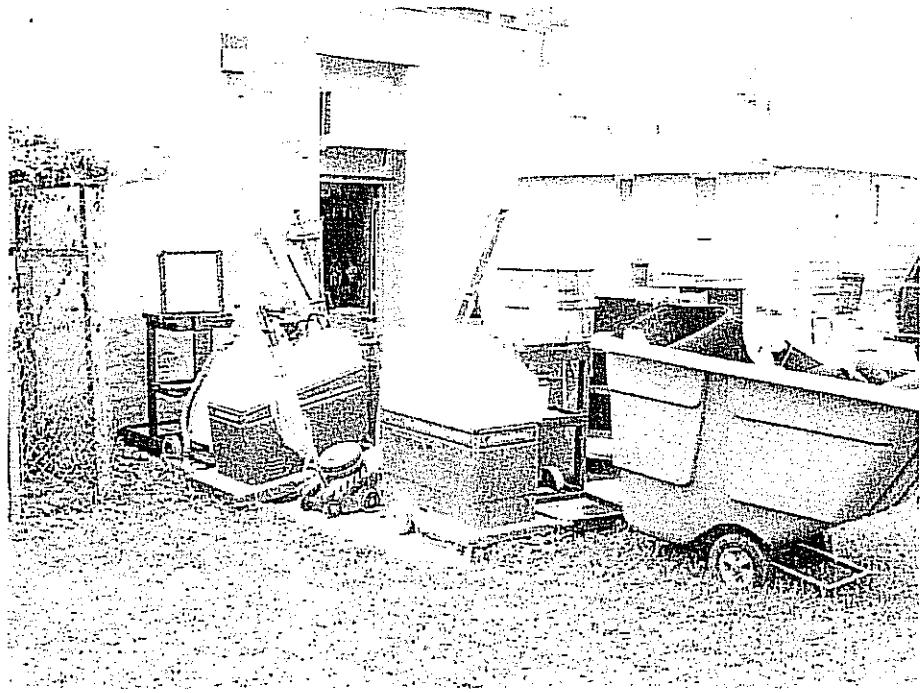
I look forward to working with you on future projects in the City of Norwood and other areas of Hamilton County.

Sincerely,

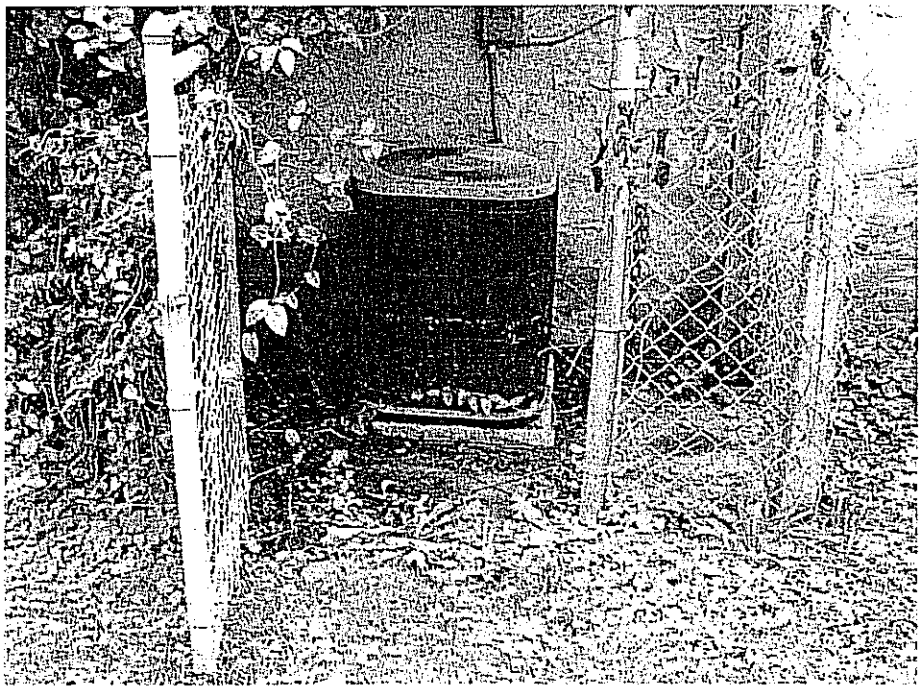
Thomas H. Schwiers, P.E.
MSD Wastewater Engineering

Cc: Division

Link - ID	Link - Type	Upstream Node	Upstream Invert	Downstream Node	Downstream Invert	Actual Length	Link - Slope	Manning's n Value	Link - Rise	Discharge	Capacity	Uniform Depth	Uniform Velocity	Critical Depth	Critical Velocity	Over Cap?
Z02	Pipe	Z02	583.94	Z01	563.62	597.58	3.40	0.015	24.00	111.2	36.2	2.00	36.32	2.00	35.40	YES
Z03	Pipe	Z03	584.42	Z02	583.94	14.18	3.38	0.015	24.00	108.5	36.1	2.00	35.42	2.00	34.52	YES
Z31	Pipe	Z31	783.79	Z02	783.70	31.07	0.30	0.015	12	2.2	1.7	1.00	2.85	0.63	4.17	YES
Z04	Pipe	Z04	585.60	Z03	584.42	20.16	5.85	0.015	24	88.7	47.4	2.00	28.98	2.00	28.25	YES
Z32	Pipe	Z32	605.27	Z03	593.40	208.63	5.69	0.015	18	30.0	21.7	1.50	17.43	1.49	17.00	YES
Z05	Pipe	Z05	592.50	Z04	585.60	305.55	2.26	0.015	24	88.6	29.5	2.00	28.94	2.00	28.21	YES
Z33	Pipe	Z33	611.10	Z32	607.92	21.89	14.53	0.015	12	3.6	11.8	0.38	13.17	0.81	5.29	NO
Z34	Pipe	Z34	611.54	Z32	608.04	39.94	8.76	0.015	12	3.8	9.1	0.45	11.13	0.83	5.48	NO
Z62	Pipe	Z62	599.78	Z05	599.56	141.66	0.53	0.015	36	86.8	42.0	3.00	12.60	2.83	12.57	YES
Z06	Pipe	Z06	599.97	Z62	599.78	37.60	0.51	0.015	36	86.1	41.1	3.00	12.50	2.82	12.48	YES
Z07	Pipe	Z07	601.40	Z06	599.97	116.02	1.23	0.015	36	71.5	64.2	3.00	10.38	2.68	10.74	YES
Z61	Pipe	Z61	605.21	Z06	603.86	46.51	2.90	0.015	15	4.0	9.5	0.57	7.44	0.81	4.77	NO
Z63	Pipe	Z63	603.72	Z06	602.65	11.15	9.60	0.015	15	12.9	17.3	0.80	15.50	1.23	10.57	NO
Z66	Pipe	Z66	619.24	Z06	602.65	321.77	5.16	0.015	15	8.4	12.7	0.74	11.08	1.13	7.21	NO
Z08	Pipe	Z08	604.67	Z07	601.40	175.64	1.86	0.015	30	68.2	48.5	2.50	14.26	2.43	14.00	YES
Z71	Pipe	Z71	603.66	Z07	602.96	8.24	8.49	0.015	12	2.8	9.0	0.39	10.15	0.72	4.67	NO
Z72	Pipe	Z72	603.55	Z07	602.86	21.30	3.24	0.015	12	3.6	5.6	0.58	7.51	0.81	5.26	NO
Z64	Pipe	Z64	605.34	Z63	603.72	35.54	4.56	0.015	12	9.3	6.6	1.00	12.12	0.99	11.83	YES
Z65	Pipe	Z65	621.14	Z66	619.41	35.60	4.86	0.015	12	2.1	6.8	0.39	7.69	0.63	4.15	NO
Z67	Pipe	Z67	620.40	Z66	619.36	109.76	0.95	0.015	12	5.3	3.0	1.00	6.88	0.93	6.92	YES
Z09	Pipe	Z09	608.76	Z08	604.67	266.07	1.54	0.015	30	65.8	44.1	2.50	13.75	2.42	13.52	YES
Z81	Pipe	Z81	607.37	Z08	605.96	7.93	17.78	0.015	10	2.5	8.0	0.32	13.01	0.71	5.14	NO
Z82	Pipe	Z82	608.67	Z08	606.10	20.90	12.30	0.015	12	2.7	10.8	0.34	11.39	0.70	4.53	NO
Z73	Pipe	Z73	603.96	Z72	603.60	21.12	1.71	0.015	12	1.7	4.0	0.46	4.93	0.56	3.82	NO
Z10	Pipe	Z10	609.79	Z09	608.76	95.42	1.08	0.015	27	65.2	27.9	2.25	16.83	2.23	16.44	YES
Z91	Pipe	Z91	618.42	Z09	616.43	99.67	2.00	0.015	12	1.2	4.4	0.37	4.80	0.47	3.43	NO
Z11	Pipe	Z11	610.75	Z10	609.79	92.18	1.04	0.015	27	57.5	27.4	2.25	14.83	2.21	14.52	YES
Z92	Pipe	Z92	618.60	Z10	610.29	21.72	38.26	0.015	12	11.0	19.1	0.55	25.20	1.00	14.07	NO
Z12	Pipe	Z12	611.72	Z11	611.61	8.70	1.26	0.015	24	52.2	22.0	2.00	17.04	1.98	16.63	YES
Z93	Pipe	Z93	618.03	Z11	616.72	12.26	10.68	0.015	12	21.2	10.1	1.00	27.64	1.00	26.95	YES
Z13	Pipe	Z13	614.62	Z12	611.72	165.04	1.76	0.015	24	52.2	26.0	2.00	17.04	1.98	16.63	YES
Z14	Pipe	Z14	615.16	Z13	614.62	26.51	2.04	0.015	24	50.5	28.0	2.00	16.49	1.98	16.10	YES
Z15	Pipe	Z15	621.89	Z14	620.65	171.95	0.72	0.015	24	50.5	16.6	2.00	16.49	1.98	16.10	YES
Z16	Pipe	Z16	623.49	Z15	621.91	102.83	1.54	0.015	27	50.5	33.3	2.25	13.03	2.18	12.82	YES
Z17	Pipe	Z17	624.70	Z16	623.63	161.38	0.66	0.015	18	45.5	7.4	1.50	26.44	1.50	25.77	YES
Z18	Pipe	Z18	624.79	Z17	624.70	11.72	0.77	0.015	18	45.5	8.0	1.50	26.44	1.50	25.77	YES
Z19	Pipe	Z19	626.28	Z18	624.79	36.04	4.13	0.015	18	45.5	18.5	1.50	26.44	1.50	25.77	YES
Z20	Pipe	Z20	628.14	Z19	626.33	298.79	0.61	0.015	18	15.0	7.1	1.50	8.72	1.41	8.73	YES
Z26	Pipe	Z26	628.35	Z19	626.38	34.31	5.74	0.015	15	6.0	13.4	0.59	10.65	0.99	5.77	NO
Z27	Pipe	Z27	628.37	Z19	627.95	140.68	0.30	0.015	15	33.2	3.1	1.25	27.79	1.25	27.09	YES
Z21	Pipe	Z21	629.28	Z20	628.49	258.19	0.31	0.015	15	5.4	3.1	1.25	4.50	0.94	5.43	YES
Z24	Pipe	Z24	632.22	Z20	628.30	69.96	5.60	0.015	12	8.9	7.3	1.00	11.63	0.99	11.35	YES
Z25	Pipe	Z25	631.04	Z20	628.33	54.61	4.96	0.015	18	1.9	20.3	0.31	7.20	0.52	3.50	NO
Z28	Pipe	Z28	628.50	Z27	628.37	44.09	0.30	0.015	15	33.2	3.1	1.25	27.79	1.25	27.09	YES
Z22	Pipe	Z22	632.58	Z21	629.45	20.30	15.42	0.015	12	3.1	12.1	0.35	12.92	0.76	4.88	NO
Z23	Pipe	Z23	629.67	Z21	629.37	45.55	0.66	0.015	12	2.3	2.5	0.76	3.63	0.65	4.29	NO
Z29	Pipe	Z29	630.05	Z28	629.06	24.69	4.01	0.015	12	1.5	6.2	0.33	6.45	0.51	3.61	NO
Z30	Pipe	Z30	631.13	Z28	629.10	13.88	14.63	0.015	12	13.1	11.8	1.00	17.17	1.00	16.74	YES

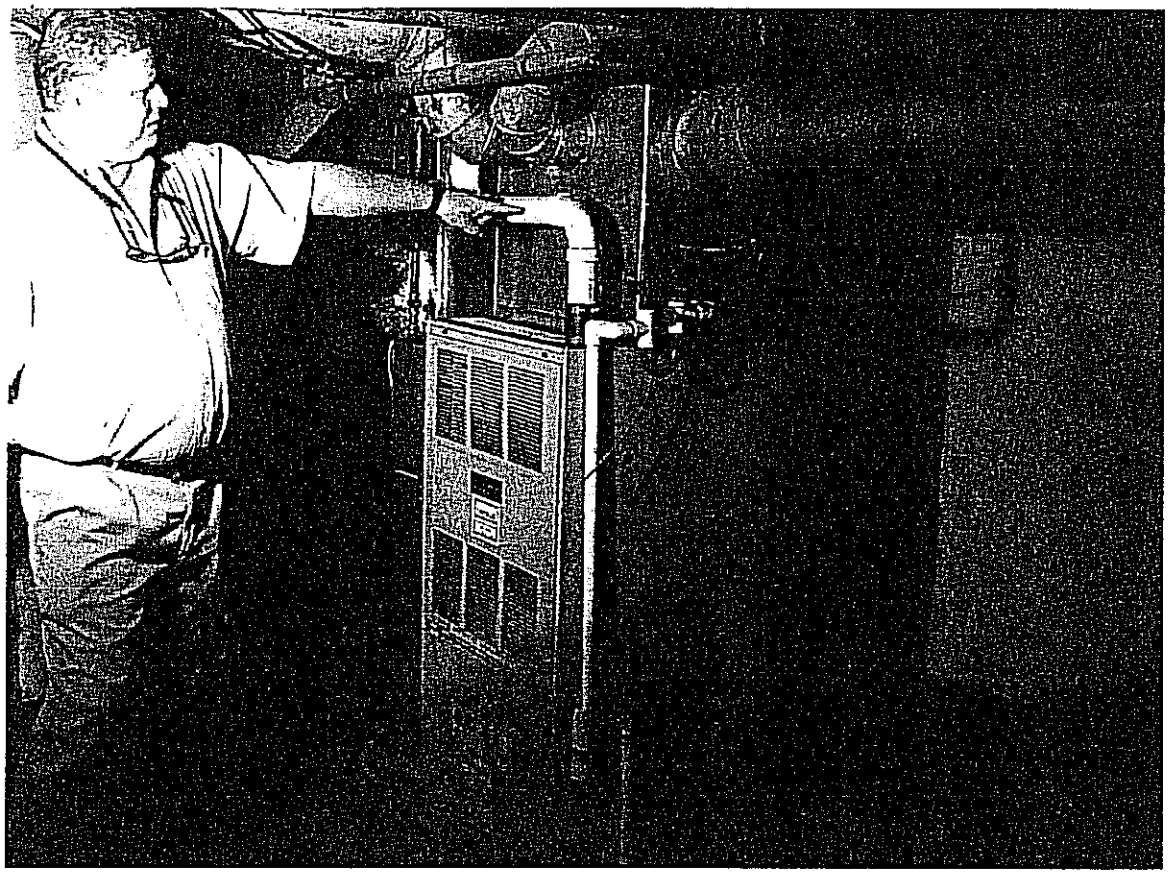


1940 ELM STREET Cleanup after July 18, 2001 flood

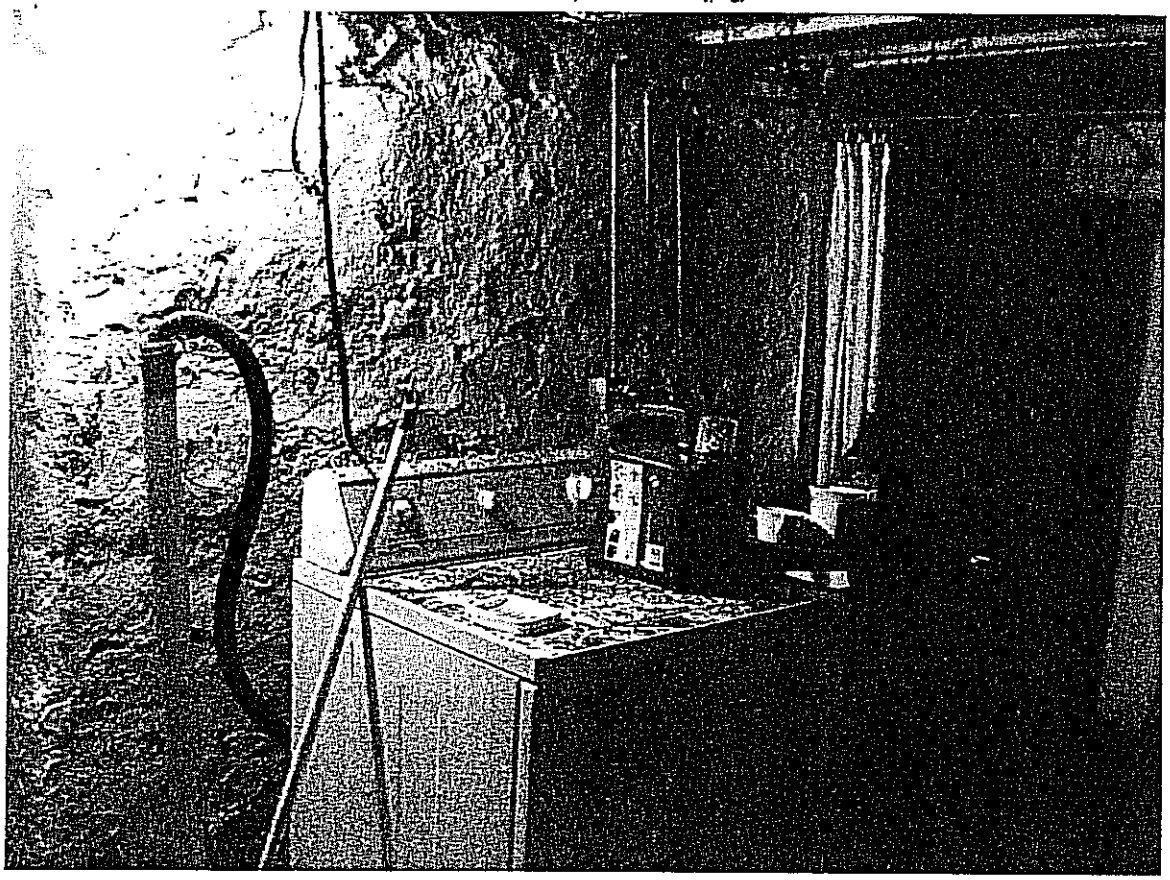


1940 ELM STREET High Water Level from July 18, 2001 is clearly shown on the air conditioner compressor.

MVC-002F.JPG (1024x768x16M jpeg)



MVC-001F.JPG (1024x768x16M jpeg)



ADDITIONAL SUPPORT INFORMATION

For Program Year 2002 (July 1, 2002 through June 30, 2003), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items, as noted, is required. The applicant should also use the rating system and its' addendum as a guide. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

1) **What is the physical condition of the existing infrastructure that is to be replaced or repaired?**

Give a statement of the nature of the deficient conditions of the present facility exclusive of capacity, serviceability, health and/or safety issues. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded. Use documentation (if possible) to support your statement. Documentation may include (but is not limited to): ODOT BR86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included in the original application. Examples of deficiencies include: structural condition; substandard design elements such as widths, grades, curves, sight distances, drainage structures, etc.

The existing storm sewers that drain the watershed are severely undersized, even frequent storms of the 5 year to 10 year range will produce hydraulic grade lines (HGL) that go above the grate and rim elevations of the inlets and manholes. A copy of the drainage analysis performed on the existing sewers for a 10 year storm is attached. A backwater analysis was performed and is attached also It shows an observed elevation for the water level from the July 18, 2001 storm in the Elm and Franklin vicinity, and a backwater produced by ponding water behind the lowest street elevation in the Maple sag. Estimated age of the storm drainage system is 50-100 years old.

2) **How important is the project to the safety of the Public and the citizens of the District and/or service area?**

Give a statement of the projects effect on the safety of the service area. The design of the project is intended to reduce existing accident rate, promote safer conditions, and reduce the danger of risk, liability or injury. (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, and highway capacity.) Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

It is extremely important to the safety of the residents to eliminate street and basement flooding. Street flooding is especially dangerous to children playing and causes extensive damage to property. The lack of detention taxes an already overloaded trunk combined sewer, rain events produce frequent combined sewer overflows (CSO). Some rain events have a tendency to produce flash flooding in urban watersheds such as this, and can quickly inundate basements and lower level apartments with out warning. The possibility of loss of life is great. The possibility of lawsuits exists, including those related to project delays. This project proposes to upgrade the entire storm water conveyance system. Partially upgrading storm drainage systems leaves the door wide open for lawsuits. Those outside the technical realm, such as lawyers and juries, do not fully understand the intricacies of drainage design and see very clearly the partial solution of leaving in the smaller pipes and outdated inlets. The ravine in the backyards of Ridgeway and Woodlawn Avenues will be cleaned and partially regarded, increasing the usable backyard areas.

3) How important is the project to the health of the Public and the citizens of the District and/or service area?

Give a statement of the projects effect on the health of the service area. The design of the project will improve the overall condition of the facility so as to reduce or eliminate potential for disease, or correct concerns regarding the environmental health of the area. (Typical examples may include the effects of the completed project by improving or adding storm drainage or sanitary facilities, replacing lead jointed water lines, etc.). Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

Storm drainage facilities will be upgraded to current design standards. the proposed design meets all the current design criteria, most importantly keeping the HGL below all grates and manhole rims for a 25 year storm. Detailed plans of the storm sewer system are attached. Elimination of street flooding has health benefits by reducing sanitary backups. Mold buildup from improperly dried basements can contribute to allergies and asthma. Detention will reduce overtaxing the Ross Run combined sewer which helps regional health by reducing CSO's. Hazardous materials (such as heating fuel oil) and trash floated out of houses by flooding will be eliminated.

4) Does the project help meet the infrastructure repair and replacement needs of the applying jurisdiction?

The jurisdiction must submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance.

Priority 1 Elm Storm Sewer

Priority 2 Montgomery Road Phase III

Priority 3 Cathedral Avenue Water Line

Priority 4 Water Valves Replacement

Priority 5 Park Avenue

5) Will the completed project generate user fees or assessments?

Will the local jurisdiction assess fees or project costs for the usage of the facility or its products once the project is completed (example: rates for water or sewer, frontage assessments, etc.).

No X Yes _____ If yes, what user fees and/or assessments will be utilized?

6) Economic Growth – How will the completed project enhance economic growth

Give a statement of the projects effect on the economic growth of the service area (be specific).

A history of flooding problems is a big detriment to the economic health of a much larger area than what has flooded. Word of mouth scares potential buyers of residential and commercial properties, reducing values across the board. There are several small businesses in the area, and one has been hit hard by flooding (see attached pictures). These types of businesses have low overheads, and monetary losses from flooding may cause them to fail. Such enterprises will not establish locations in areas prone to economic hardships such as this.

7) **Matching Funds - LOCAL**

The information regarding local matching funds is to be filed by the applicant in Section 1.2 (b) of the Ohio Public Works Association's "Application For Financial Assistance" form.

8) **Matching Funds - OTHER**

The information regarding local matching funds is to be filed by the applicant in Section 1.2 (c) of the Ohio Public Works Association's "Application For Financial Assistance" form. If MRF funds are being used for matching funds, the MRF application must have been filed by August 10 th of this year for this project with the Hamilton County Engineer's Office. List below all "other" funding the source(s).

9) **Will the project alleviate serious traffic problems or hazards or respond to the future level of service needs of the district?**

Describe how the proposed project will alleviate serious traffic problems or hazards (be specific).

Hazards to traffic from street flooding will be eliminated. Pavement deterioration produced by frequent inundation by water will be eliminated.

For roadway betterment projects, provide the existing and proposed Level of Service (LOS) of the facility using the methodology outlined within AASHTO'S "Geometric Design of Highways and Streets" and the 1985 Highway Capacity Manual.

Existing LOS _____ Proposed LOS _____

If the proposed design year LOS is not "C" or better, explain why LOS "C" cannot be achieved.

_____

10) **If SCIP/LTIP funds were granted, when would the construction contract be awarded?**

If SCIP/LTIP funds are awarded, how soon after receiving the Project Agreement from OPWC (tentatively set for July 1 of the year following the deadline for applications) would the project be under contract? The Support Staff will review status reports of previous projects to help judge the accuracy of a jurisdiction's anticipated project schedule.

Number of months _____

a.) Are preliminary plans or engineering completed? Yes __x__ No _____ N/A _____

b.) Are detailed construction plans completed? Yes __x__ No _____ N/A _____

c.) Are all utility coordination's completed? Yes __x__ No _____ N/A _____

d.) Are all right-of-way and easements acquired (if applicable)? Yes _____ No __x__ N/A _____

If no, how many parcels needed for project? 35 Of these, how many are: Takes _____

Temporary 35

Permanent 35 **Public Detention Easement**

For any parcels not yet acquired, explain the status of the ROW acquisition process for this project.

Not yet started. R/W Plans will be prepared to ODOT standards for acquisition

e.) Give an estimate of time needed to complete any item above not yet completed. **3-(plans) 6-R/WAcq** Months.

11) Does the infrastructure have regional impact?

Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

CSO's will be reduced in MSD's trunk sewer network, reducing pollutant loads in the waters of the state. See attached letter from MSD

12) What is the overall economic health of the jurisdiction?

The District 2 Integrating Committee predetermines the jurisdiction's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

Describe what formal action has been taken which resulted in a ban of the use of or expansion of use for the involved infrastructure? Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits, etc. The ban must have been caused by a structural or operational problem to be considered valid. Submission of a copy of the approved legislation would be helpful.

MSD has requirements for storm water detention for storm sewers that connect into combined sewers. Therefore the sewers cannot be up-sized without providing water storage. (See Attached letter).

Will the ban be removed after the project is completed? Yes _____ No _____ N/A __x__

14) What is the total number of existing daily users that will benefit as a result of the proposed project?

For roads and bridges, multiply current Average Daily Traffic (ADT) by 1.20. For inclusion of public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4. User information must be documented and certified by a professional engineer or the jurisdictions' C.E.O.

Traffic: ADT x 1.20 = Users

Water/Sewer: Homes 347 X 4.00 = 1388 Users (total households in the watershed)

15) Has the jurisdiction enacted the optional $5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure?

The applying jurisdiction shall list what type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for. (Check all that apply)

Optional $5.00 License Tax _____

Infrastructure Levy _____ Specify type _____ Facility

Users Fee _____ Specify type _____

Dedicated Tax _____ Specify type _____

Other Fee, Levy or Tax _____ Specify type _____

IF YOU ARE APPLYING FOR A GRANT, WILL YOU BE WILLING TO ACCEPT A LOAN IF ASKED BY THE DISTRICT? _X_ YES _____ NO (ANSWER REQUIRED)

Note: Answering "Yes" will not increase your score and answering "NO" will not decrease your score.

SCIP/LTIP PROGRAM
ROUND 17 - PROGRAM YEAR 2003
PROJECT SELECTION CRITERIA
JULY 1, 2003 TO JUNE 30, 2004

NAME OF APPLICANT: Norwood

NAME OF PROJECT: Elm Avenue Storm Sewer

RATING TEAM: 5

NOTE: *See the attached "Addendum To The Rating System" for definitions, explanations and clarifications to each of the criterion points of this rating system.*

CIRCLE THE APPROPRIATE RATING

1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?

25 - Failed
23 - Critical
20 - Very Poor
17 - Poor
15 - Moderately Poor
10 - Moderately Fair
(5) - Fair Condition
0 - Good or Better

only influence & physical condition is an estimate age of infrastructure of 50-100 years
all other documentation relate to capacity issues only
much of existing infrastructure to remain according to drawings

Appeal Score _____

2) How important is the project to the *safety* of the Public and the citizens of the District and/or service area?

(25) - Highly significant importance
(20) - Considerably significant importance
15 - Moderate importance
10 - Minimal importance
0 - No measurable impact

possibility for loss of life evident
photo evidence compelling; [redacted]
frequency of .5-10 yr events puts this in 20 point category

Appeal Score _____

3) How important is the project to the *health* of the Public and the citizens of the District and/or service area?

(25) - Highly significant importance
20 - Considerably significant importance
15 - Moderate importance
10 - Minimal importance
0 - No measurable impact

basements nearly full w CSO from 5-10yr storms
Good documentation in app.
frequency & severity

Appeal Score _____

4) Does the project help meet the infrastructure repair and replacement needs of the applying jurisdiction?
Note: Jurisdiction's priority listing (part of the Additional Support Information) must be filed with application(s).

(25) - First priority project
20 - Second priority project
15 Third priority project
10 - Fourth priority project
5 - Fifth priority project or lower

Appeal Score 25

5) Will the completed project generate user fees or assessments?

(10) – No
0 – Yes

Appeal Score 10

6) Economic Growth – How the completed project will enhance economic growth (See definitions).

10 – The project will directly secure significant new employment
7 - The project will directly secure new employment
5 – The project will secure new employment
3 – The project will permit more development
(0) The project will not impact development

Appeal Score _____

7) Matching Funds - LOCAL

10 - This project is a loan or credit enhancement
10 – 50% or higher
8 – 40% to 49.99%
6 – 30% to 39.99%
(4) – 20% to 29.99%
2 – 10% to 19.99%
0 – Less than 10%

8) Matching Funds - OTHER

10 – 50% or higher
8 – 40% to 49.99%
6 – 30% to 39.99%
4 – 20% to 29.99%
2 – 10% to 19.99%
1 – 1% to 9.99%
(0) Less than 1%

9) Will the project alleviate serious traffic problems or hazards or respond to the future level of service needs of the district? (See Addendum for definitions)

10 - Project design is for future demand.
8 - Project design is for partial future demand.
(6) Project design is for current demand.
4 - Project design is for minimal increase in capacity.
2 - Project design is for no increase in capacity.

Appeal Score _____

10) Ability to Proceed - If SCIP/LTIP funds are granted, when would the construction contract be awarded? (See Addendum concerning delinquent projects)

(5) Will be under contract by December 31, 2003 and no delinquent projects in Rounds 14 & 15
3 - Will be under contract by March 31, 2004 and/or one delinquent project in Rounds 14 & 15
0 - Will not be under contract by March 31, 2004 and/or more than one delinquent project in Rounds 14 & 15

11) Does the infrastructure have regional impact? Consider origination and destination of traffic, functional classifications, size of service area, and number of jurisdictions served, etc. (See Addendum for definitions)

10 - Major impact
8 -
6 - Moderate impact
(4)
2 - Minimal or no impact

Appeal Score _____

12) What is the overall economic health of the jurisdiction?

(10 Points)
8 Points
6 Points
4 Points
2 Points

13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

10 - Complete ban, facility closed
8 – 80% reduction in legal load or 4-wheeled vehicles only
7 – Moratorium on future development, *not* functioning for current demand
6 – 60% reduction in legal load
5 - Moratorium on future development, functioning for current demand
4 – 40% reduction in legal load
2 – 20% reduction in legal load
(0) Less than 20% reduction in legal load

Appeal Score: 0

14) What is the total number of existing daily users that will benefit as a result of the proposed project?

10 - 16,000 or more
8 - 12,000 to 15,999
6 - 8,000 to 11,999
4 - 4,000 to 7,999
(2) 3,999 and under

Appeal Score: 2

15) Has the jurisdiction enacted the optional $5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure? (Provide documentation of which fees have been enacted.)

5 - Two or more of the above
3 - One of the above
(0) None of the above

Appeal Score: 0

ADDENDUM TO THE RATING SYSTEM

General Statement for Rating Criteria

Points awarded for all items will be based on engineering experience, field verification, application information and other information supplied by the applicant, which is deemed to be relevant by the Support Staff. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

Criterion 1 - Condition

Condition is based on the amount of deterioration that is field verified or documented exclusive of capacity, serviceability, health and/or safety issues. Condition is rated only on the facility being repaired or abandoned. (Documentation may include: ODOT BR86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included in the original application.)

Definitions:

Failed Condition - requires complete reconstruction where no part of the existing facility is salvageable. (E.g. Roads: complete reconstruction of roadway, curbs and base; Bridges: complete removal and replacement of bridge; Underground: removal and replacement of an underground drainage or water system; Hydrants: completely non functioning and replacement parts are unavailable.)

Critical Condition - requires moderate or partial reconstruction to maintain integrity. (E.g. Roads: reconstruction of roadway/curbs can be saved; Bridges: removal and replacement of bridge with abutment modification; Underground: removal and replacement of part of an underground drainage or water system; Hydrants: some non-functioning, others obsolete and replacement parts are unavailable.)

Very Poor Condition - requires extensive rehabilitation to maintain integrity. (E.g. Roads: extensive full depth, partial depth and curb repair of a roadway with a structural overlay; Bridges: superstructure replacement; Underground: repair of joints and/or minor replacement of pipe sections; Hydrants: non-functioning and replacement parts are available.)

Poor Condition - requires standard rehabilitation to maintain integrity. (E.g. Roads: moderate full depth, partial depth and curb repair to a roadway with no structural overlay needed or structural overlay with minor repairs to a roadway needed; Bridges: extensive patching of substructure and replacement of deck; Underground: insituform or other in ground repairs; Hydrants: functional, but leaking and replacement parts are unavailable.)

Moderately Poor Condition - requires minor rehabilitation to maintain integrity. (E.g. Roads: minor full depth, partial depth or curb repairs to a roadway with either a thin overlay or no overlay needed; Bridges: major structural patching and/or major deck repair; Hydrants: functional and replacement parts are available.)

Moderately Fair Condition - requires extensive maintenance to maintain integrity. (E.g. Roads: thin or no overlay with extensive crack sealing, minor partial depth and/or slurry or rejuvenation; Bridges: minor structural patching, deck repair, erosion control.)

Fair Condition - requires routine maintenance to maintain integrity. (E.g. Roads: slurry seal, rejuvenation or routine crack sealing to the roadway; Bridges: minor structural patching.)

Good or Better Condition - little to no maintenance required to maintain integrity.

Note: **If the infrastructure is in "good" or better condition, it will NOT be considered for SCIP/LTIP funding unless it is an expansion project that will improve serviceability.**

Criterion 2 – Safety

The jurisdiction shall include in its application the type of safety problem that currently exists and how the intended project would improve the situation. For example, have there been vehicular accidents attributable to the problems cited? Have they involved injuries or fatalities? In the case of water systems, are existing hydrants non-functional? In the case of water lines, is the present capacity inadequate to provide volumes or pressure for adequate fire protection? In all cases, specific documentation is required.

Note: **Each project is looked at on an individual basis to determine if any aspects of this category apply.** Examples given above are NOT intended to be exclusive.

Criterion 3 – Health

The jurisdiction shall include in its application the type and seriousness of the health problem that would be eliminated or reduced by the intended project. For example, can the problem be eliminated only by the project, or would routine maintenance be satisfactory? If basement flooding has occurred, was it storm water or sanitary flow? What complaints if any are recorded? In the case of underground improvements, how will they improve health if they are storm sewers? How would improved sanitary sewers improve health or reduce health risk? Are leaded joints involved in existing water line replacements? In all cases, specific documentation is required.

Note: **Each project is looked at on an individual basis to determine if any aspects of this category apply.** Examples given above are NOT intended to be exclusive.

Criterion 4 – Jurisdiction's Priority Listing

The jurisdiction must submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance. The form is included in the Additional Support Information.

Criterion 5 – Generate Fees

Will the local jurisdiction assess fees or project costs for the usage of the facility or its products once the project is completed (example: rates for water or sewer, frontage assessments, etc.). The applying jurisdiction must submit documentation.

Criterion 6 – Economic Growth

Will the completed project enhance economic growth and/or development in the service area?

Definitions:

Directly secure significant new employment: The project is specifically designed to secure a particular development/employer(s), which will add at least 100 or more new employees. The applicant agency must supply specific details of the development, the employer(s), and number of new permanent employees.

Directly secure new employment: The project is specifically designed to secure development/employers, which will add at least 50 new permanent employees. The applying agency must supply details of the development and the type and number of new permanent employees.

Secure new employment: The project is specifically designed to secure development/employers, which will add 10 or more new permanent employees. The applying agency must submit details.

Permit more development: The project is designed to permit additional business development. The applicant must supply details.

The project will not impact development: The project will have no impact on business development.

Note: **Each project is looked at on an individual basis to determine if any aspects of this category apply.**

Criterion 7 – Matching Funds - Local

The percentage of matching funds which come directly from the budget of the applying local government.

Criterion 8 – Matching Funds - Other

The percentage of matching funds that come from funding sources other than those mentioned in Criterion 7.

Criterion 9 – Alleviate Traffic Problems

The jurisdiction shall provide a narrative, along with pertinent support documentation, which describe the existing deficiencies and showing how congestion or hazards will be reduced or eliminated and how service will be improved to meet the needs of any expected growth or development. A formal capacity analysis accompanying the application would be beneficial. Projected traffic or demand should be calculated as follows:

Formula:

Existing users x design year factor = projected users

Design Year	Design year factor		
	Urban	Suburban	Rural
20	1.40	1.70	1.60
10	1.20	1.35	1.30

Definitions:

Future demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for twenty-year projected demand or fully developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

Partial future demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for ten-year projected demand or partially developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

Current demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service only for existing demand and conditions.

Minimal increase – Project will reduce but not eliminate existing congestion or deficiencies and will provide a minimal but less than sufficient increase in existing capacity or service for existing demand and conditions.

No increase – Project will have no effect on existing congestion or deficiencies and provide no increase in capacity or service for existing demand and conditions.

Criterion 10 - Ability to Proceed

The Support Staff will assign points based on engineering experience and OPWC defined delinquent projects. A project is considered delinquent when it has not received a notice to proceed within the time stated on the original application and no time extension has been granted by the OPWC. A jurisdiction receiving approval for a project and subsequently canceling the same after the bid date on the application may be considered as having a delinquent project.

Criterion 11 - Regional Impact

The regional significance of the infrastructure that is being repaired or replaced.

Definitions:

Major Impact - Roads: major multi-jurisdictional route, primary feed route to an Interstate, Federal Aid Primary routes.
Moderate Impact - Roads: principal thoroughfares, Federal Aid Urban routes
Minimal / No Impact - Roads: cul-de-sacs, subdivision streets

Criterion 12 – Economic Health

The District 2 Integrating Committee predetermines the jurisdiction's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

Criterion 13 - Ban

The jurisdiction shall provide documentation to show that a facility ban or moratorium has been formally placed. The ban or moratorium must have been caused by a structural or operational problem. Points will only be awarded if the end result of the project will cause the ban to be lifted.

Criterion 14 - Users

The applying jurisdiction shall provide documentation. A registered professional engineer or the applying jurisdictions' C.E.O must certify the appropriate documentation. Documentation may include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for the roads and bridges, but only when certifiable ridership figures are provided.

Criterion 15 – Fees, Levies, Etc.

The applying jurisdiction shall document (in the "Additional Support Information" form) which type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for.